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1 [Index nesting – an efficient approach to indexing in object-oriented databases](#)

Beng Chin Ooi, Jiawei Han, Hongjun Lu, Kian Lee Tan

August 1996 **The VLDB Journal – The International Journal on Very Large Data B****Publisher:** Springer-Verlag New York, Inc.

Full text available: Pdf (455.77 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [c](#)**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 28, Downloads (Overall): 28

In object-oriented database systems where the concept of the superclass-subclass is a subclass is also an instance of its superclass. Consequently, the access scope of a c general includes the access scope ...

Keywords: Indexing structures, OODB, Query retrieval**2** [Concurrent meld](#)

G. E. Kaiser

April 1989 Proceedings of the 1988 ACM SIGPLAN workshop on Object-based concurre

Publisher: ACM

Full text available: Pdf (293.04 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [c](#)**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 11, Downloads (Overall): 58

Our original goal was to design a programming language for writing software engines most important requirements were reusability and the ability to integrate separately scope was later expanded to general ...

Also published in:

April 1989 **SIGPLAN Notices** Volume 24 Issue 4**3** [Objects modelling](#)

Sylvia Osborn

September 1986 **OODS '86:** Proceedings on the 1986 international workshop on Object-
systems**Publisher:** IEEE Computer Society Press

Full text available: Pdf (104.49 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [in](#)**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 30, Downloads (Overall): 12


The points raised here are based on experience with RAD [Os86], an experimental re which allows the definition of arbitrary abstract data types and arbitrary operations, f comments below fall into two categories: ...

4 [View updates in relational databases with an independent scheme](#)

Rom Langerak

March 1990 **Transactions on Database Systems (TODS)** . Volume 15 Issue 1

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (2.28 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)


Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 33, Downloads (Overall): 36

A view on a database is a mapping that provides a user or application with a suitable data. Updates specified on a view have to be translated into updates on the underlying view update translation problem ...

5 [Solution of parallel language equations for logic synthesis](#)

Nina Yevtushenko, Tiziano Villa, Robert K. Brayton, Alex Petrenko, Alberto L. Sangiovanni
November 2001 **ICCAD '01**: Proceedings of the 2001 IEEE/ACM international conference on computer-aided design

Publisher: IEEE Press


Full text available:  Pdf (166.23 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 15, Downloads (Overall): 16


The problem of designing a component that combined with a known part of a system overall specification arises in several applications ranging from logic synthesis to the controllers. We cast the problem as solving ...

6 [The cell probe complexity of dynamic data structures](#)

 M. Fredman, M. Saks

February 1989 **STOC '89**: Proceedings of the twenty-first annual ACM symposium on The theory of computing

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (1.23 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 100, Downloads (Overall): 166


Dynamic data structure problems involve the representation of data in memory in such a way that certain types of modifications of the data (updates) and certain types of questions about the data can be answered efficiently. This paradigm encompasses many fundamental ...

7 [Expressing business rules](#)

 Ronald G. Ross

June 2000 **SIGMOD '00**: Proceedings of the 2000 ACM SIGMOD international conference on Management of data

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (24.26 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)


Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 98, Downloads (Overall): 166

Point-and-Click Expression Builders, for instance limits and type consistency. Structural complexity restrictions and logical inferences. Entity Life History or State Transition Diagrams ...

Also published in:

June 2000 **SIGMOD Record** Volume 29 Issue 2

8 [A framework for efficient reuse of binary code in Java](#)

 Pramod G. Joisha, Samuel P. Midkiff, Mauricio J. Serrano, Manish Gupta

June 2001 **ICS '01**: Proceedings of the 15th international conference on Supercomputing

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (419.49 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 43, Downloads (Overall): 36

This paper presents a compilation framework that enables efficient sharing of execution


Java Virtual Machine (JVM) instances. High-performance JVMs rely on run-time compilation cannot handle many dynamic ...

9 Distributed form management

 Heikki Hämmäinen, Eero Eeranta, Jari Alasuutari

January 1990 **Transactions on Information Systems (TOIS)** , Volume 8 Issue 1

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (2.24 MB)

Additional Information: full citation, abstract, references, cit

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 26, Downloads (Overall): 3

An open architecture for distributed form management is described. The model employs describing organizational units as well as individual users as entities with uniform ext entity is represented by an autonomous ...

10 Object-oriented data models and management of CAD databases

Mohammad A. Ketabchi

September 1986 **OODS '86: Proceedings on the 1986 international workshop on Object-oriented systems**

Publisher: IEEE Computer Society Press

Full text available:  Pdf (205.13 KB)

Additional Information: full citation, abstract, references, cit

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 39, Downloads (Overall): 2


Effective management of object-oriented databases requires database management : Oriented Data Models (OODM) which are integrations of concepts from Functional Data Semantic Data Models (SDM), and the actor model of ...

11 Flexible control of downloaded executable content

 Trent Jaeger, Atul Prakash, Jochen Liedtke, Nayeem Islam

May 1999 **Transactions on Information and System Security (TISSEC)** , Volume 2

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (297.79 KB)


Additional Information: full citation, abstract, references, cit

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 87, Downloads (Overall): 1

We present a security architecture that enables system and application access control enforced on applications composed from downloaded executable content. Downloaded consists of messages downloaded from remote ...

Keywords: access control models, authentication, authorization mechanisms, collaborative access control

12 Verdantium towards a Java-enabled compound document model (poster session)

 Thornton Green

January 2000 **OOPSLA '00: Addendum to the 2000 proceedings of the conference on Object programming, systems, languages, and applications (Addendum)**

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (22.80 KB)

Additional Information: full citation, abstract, index terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 14, Downloads (Overall): 1

Java Beans provides a robust mechanism for combining software components. However Beans components are currently not being combined to create documents in an environment or illustration program. This is ...

13 A database model for object dynamics



M. P. Papazoglou, B. J. Krämer

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 60, Downloads (Overall): 34

To effectively model complex applications in which constantly changing situations car database system must be able to support the runtime specification of structural and l objects on an individual or group basis. ...

Keywords: Dynamic class hierarchy, Dynamic object re-classification, Object migrat Object-oriented database systems

14 Dealing with disparate audiences in computer science courses using a project gr class

 R. Waldo Roth, Arthur WhiteFebruary 1987 **SIGCSE '87** : Proceedings of the eighteenth SIGCSE technical symposium education**Publisher:** ACM Full text available:  Pdf (473.03 KB)

Additional Information: full citation, abstract, references, in


Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 5, Downloads (Overall): 73,

A frequent problem in advanced computer science courses is having students enrolle backgrounds range from upper division students with significant work experience to s completed only a few computer science courses. ...

Also published in:

February 1987 **SIGCSE Bulletin** Volume 19 Issue 1

15 The challenges of teaching computer programming

 Derek SleemanSeptember 1986 **Communications of the ACM** , Volume 29 Issue 9**Publisher:** ACM Full text available:  Pdf (170.35 KB)


Additional Information: full citation, abstract, cited by, inde

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 122, Downloads (Overall):

Programming has been described by many authors as the new Latin of the school syl whetstone for developing minds. As such, it was assumed that students would develo solving skills through learning programming. ...

16 An auxiliary user location strategy employing forwarding pointers to reduce netw

Ravi Jain, Yi-Bing Lin


June 1995 **Wireless Networks** , Volume 1 Issue 2**Publisher:** Kluwer Academic PublishersFull text available:  Pdf (1.40 MB)

Additional Information: full citation, abstract, references, cit


Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 30, Downloads (Overall): 24

We propose an auxiliary strategy, called per-user forwarding, for locating users who i while using Personal Communications Services (PCS). The forwarding strategy augme strategy proposed in existing standards ...

17 Refactoring tool challenges in a strongly typed language (poster session)

 Christopher SeguinJanuary 2000 **OOPSLA '00**: Addendum to the 2000 proceedings of the conference on Ot programming, systems, languages, and applications (Addendum)

Publisher: ACM  [Request Permissions](#)


Full text available:  [Pdf](#) (24.08 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 18, Downloads (Overall): 20


This poster examines the challenges of developing a refactoring tool for a weakly typed Smalltalk as opposed to a strongly typed language such as Java. To explore this, we field refactoring in each language. ...

18 [Thoughts on database research: A user perspective](#)

 Kurt Ingenthron

December 1987 **SIGMOD '87: Proceedings of the 1987 ACM SIGMOD international conference on database management**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (103.60 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 30, Downloads (Overall): 15

The future of computer aided design is in object oriented programming. If the database participate in this future, it must reexamine some basic assumptions about the architecture of database systems. Database system functionality can ...

Also published in:


December 1987 **SIGMOD Record** Volume 16 Issue 3

19 [Information-dependent games: can common sense be common knowledge?](#)

[Itzhak Gilboa](#), [David Schmeidler](#)

March 1988 **TARK '88: Proceedings of the 2nd conference on Theoretical aspects of rationality**

Publisher: Morgan Kaufmann Publishers Inc.

Full text available:  [Pdf](#) (140.15 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 11, Downloads (Overall): 8


This paper attempts to study the consistency of several basic game-theoretic axioms these: <u>common knowledge</u> (CK) and <u>common sense</u> (CS). Common sense is the game itself and all other ...

20 [Implementation implications of Ada generics](#)

 Gary Bray

September 1983 **SIGAda Ada Letters**, Volume III Issue 2

Publisher: ACM

Full text available:  [Pdf](#) (488.61 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 15, Downloads (Overall): 9

Generic program units as defined in Ada pose several important design issues for compiler analysis and in runtime implementation. Chief among these issues are separate compilation and the sharing of code among several ...

Result

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